

**Penobscot Energy Recover Company
Penobscot County
Orrington, Maine
A-355-70-D-A**

**Departmental
Findings of Fact and Order
Air Emission License
Amendment #3**

After review of the Part 70 Minor Change application, staff investigation reports and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., Section 344 and 590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

FACILITY	Penobscot Energy Recovery Company (PERC)
ACTIVE LICENSE NUMBER	A-355-70-A-I
LICENSE TYPE	Part 70 Minor Change
SIC CODES	4953
NATURE OF BUSINESS	Refuse Systems
FACILITY LOCATION	Orrington, Maine
DATE OF INITIAL LICENSE ISSUANCE	July 1, 2002
DATE OF SECTION 502(b)(10) CHANGE	July 8, 2005
LICENSE EXPIRATION DATE	July 1, 2007

B. Description of Minor Change

PERC has requested a Part 70 Minor Change to replace the continuous opacity monitoring system (COMS). The original COMS at PERC consisted of one certified COM located in the common stack and one COM located in each of the two ducts for informational purposes only. Water vapor condensation during cold weather has caused the stack COM to read erroneously high opacity values. This phenomenon has not been observed in the two duct COMS. The two duct COMS could not be used for compliance purposes because they were not correctly located and they did not have calibration devices. To improve the quality of data, PERC has replaced the stack COM with two new duct COMS correctly positioned and calibrated. This changes the sampling location for compliance monitoring from the common stack to the two ducts, one for each combustor. This change will not result in an increase in emissions and will not add any new applicable requirements.

C. Application Classification

This amendment changes the location of the opacity monitor and is considered to be a Part 70 Minor Change issued under Chapter 140 of the Department's regulations for a Part 70 source and has been processed as such.

ORDER

The Department hereby grants Part 70 Minor Change A-355-70-D-A, subject to the conditions found in Part 70 License A-355-70-A-I, amendments A-355-70-B-M and A-355-70-C-A in addition to the following conditions:

The following shall replace Condition (14)(I) of Part 70 License A-355-70-A-I:

- (14) I. Compliance with the opacity limit shall be demonstrated by means of a continuous opacity monitoring system (COMS). The COMS shall be installed and certified on each baghouse outlet duct (Ducts A & B). PERC shall maintain the COMS in accordance with Chapter 117 and the Special Conditions of this license.
[MEDEP, Chapter 117 and Chapter 121]

DONE AND DATED IN AUGUSTA, MAINE THIS DAY OF 2005.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: _____
DAWN R. GALLAGHER, COMMISSIONER

The term of this amendment shall be concurrent with the term of Air Emission License A-355-70-A-I.

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: March 11, 2005

Date of application acceptance: April 1, 2005

Date filed with Board of Environmental Protection _____

This order prepared by Mark E. Roberts, Bureau of Air Quality